MIXER CIRCUIT WITH BYPASS AND MIXING MODES HAVING
CONSTANT EVEN ORDER GENERATION AND METHOD OF
OPERATION
Keith P. Bargroff
Appl. No.: Unknown          Atty Docket: RFMAGIC.004A
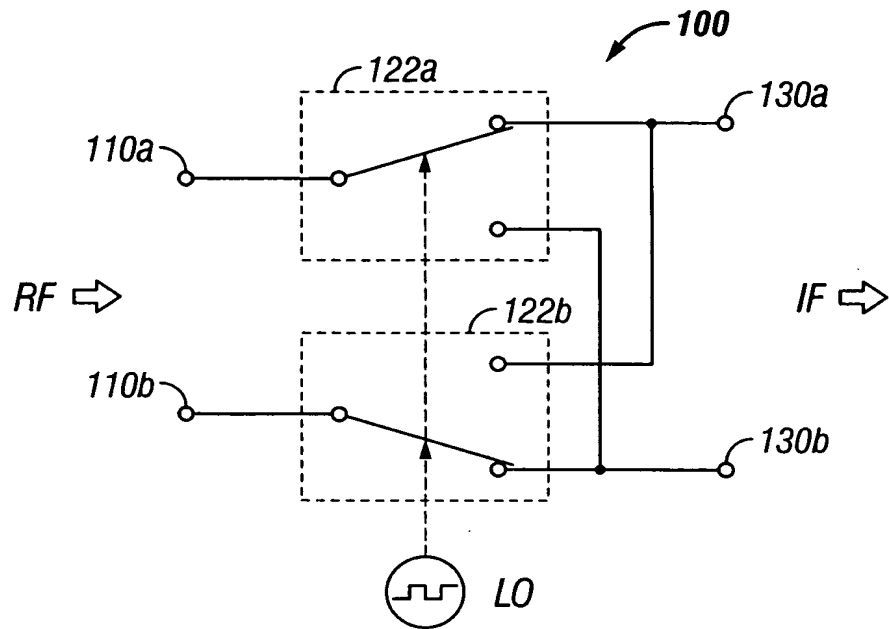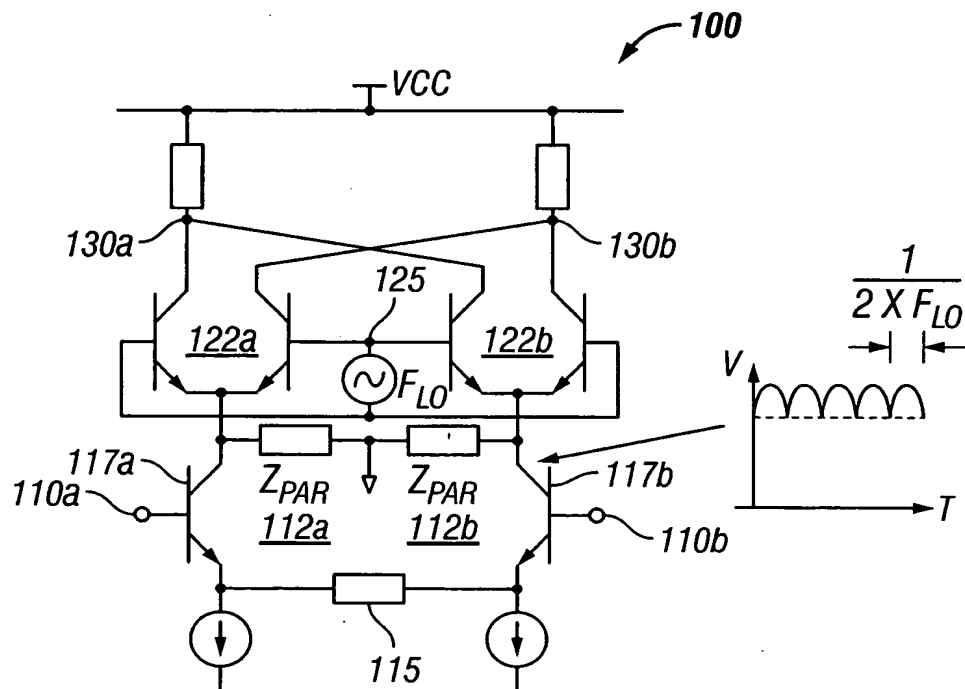
*1/5*

**FIG. 1A**



**FIG. 1B**

MIXER CIRCUIT WITH BYPASS AND MIXING MODES HAVING
CONSTANT EVEN ORDER GENERATION AND METHOD OF
OPERATION
Keith P. Bargroff
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**FIG. 2**



**FIG. 3A**

MIXER CIRCUIT WITH BYPASS AND MIXING MODES HAVING
CONSTANT EVEN ORDER GENERATION AND METHOD OF
OPERATION
Keith P. Bargroff
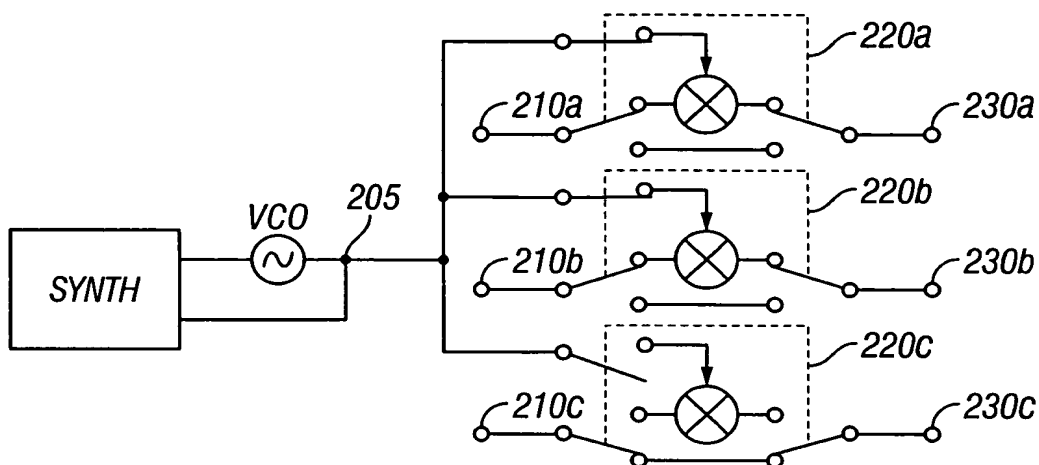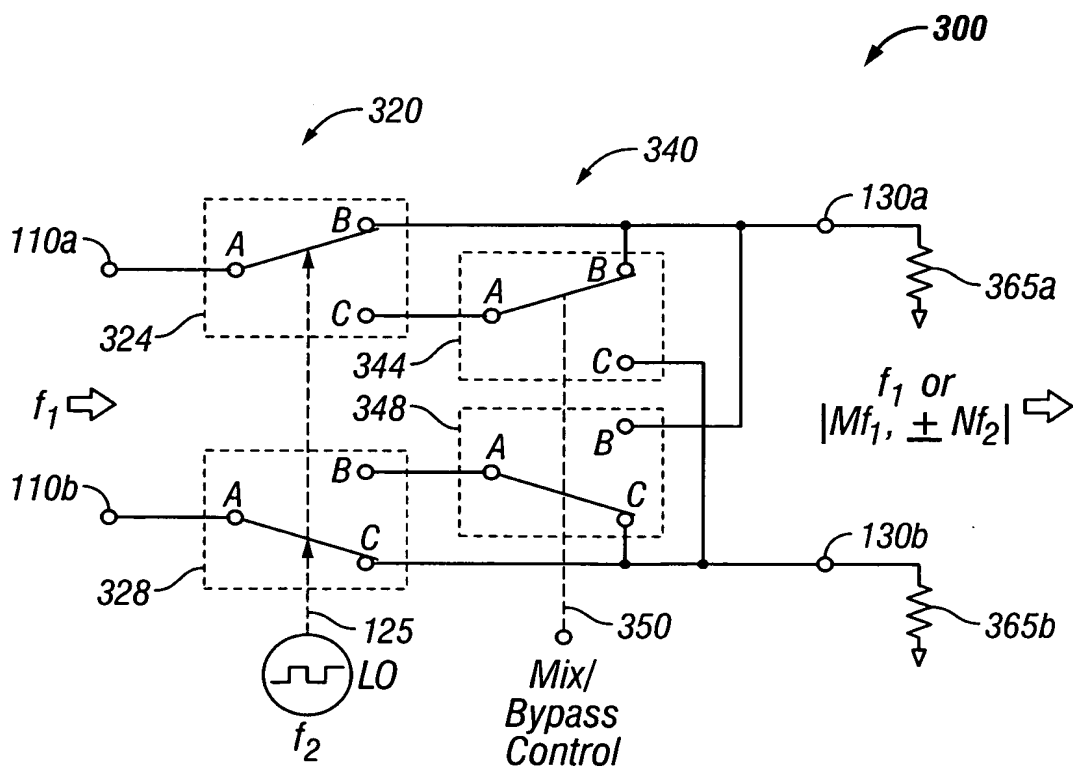Appl. No.: Unknown          Atty Docket: RFMAGIC.004A

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372

Supply a first frequency signal to input switch(es), each
input switch having first and second outputs

374

Switch the input terminal of the first and second switches
between their outputs at a second frequency.

376

Connect the first and second outputs of each input
switch to either:
(i) a node common to the first and second outputs, or
(ii) opposite polarity nodes.

**FIG. 3B**



**FIG. 3C**

MIXER CIRCUIT WITH BYPASS AND MIXING MODES HAVING
CONSTANT EVEN ORDER GENERATION AND METHOD OF
OPERATION
Keith P. Bargroff
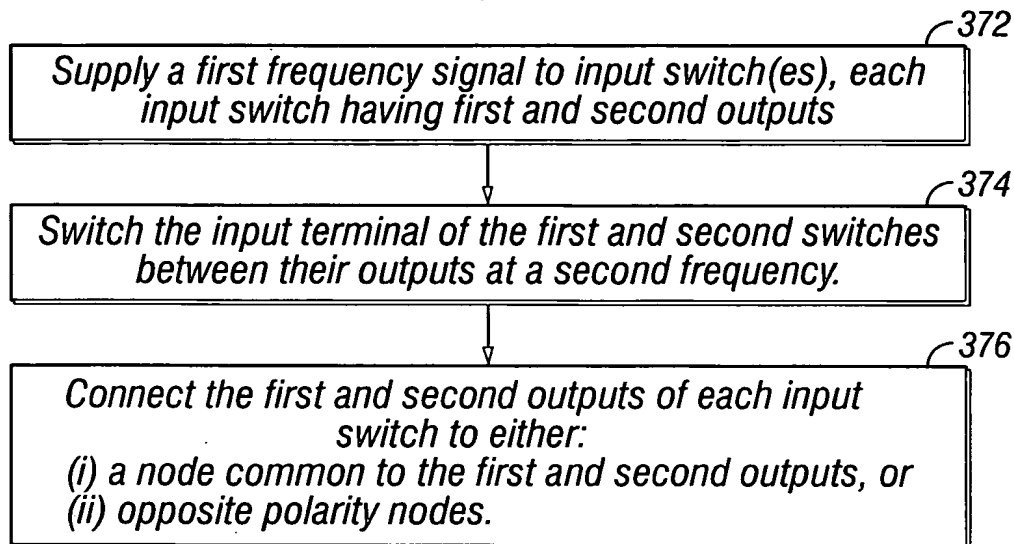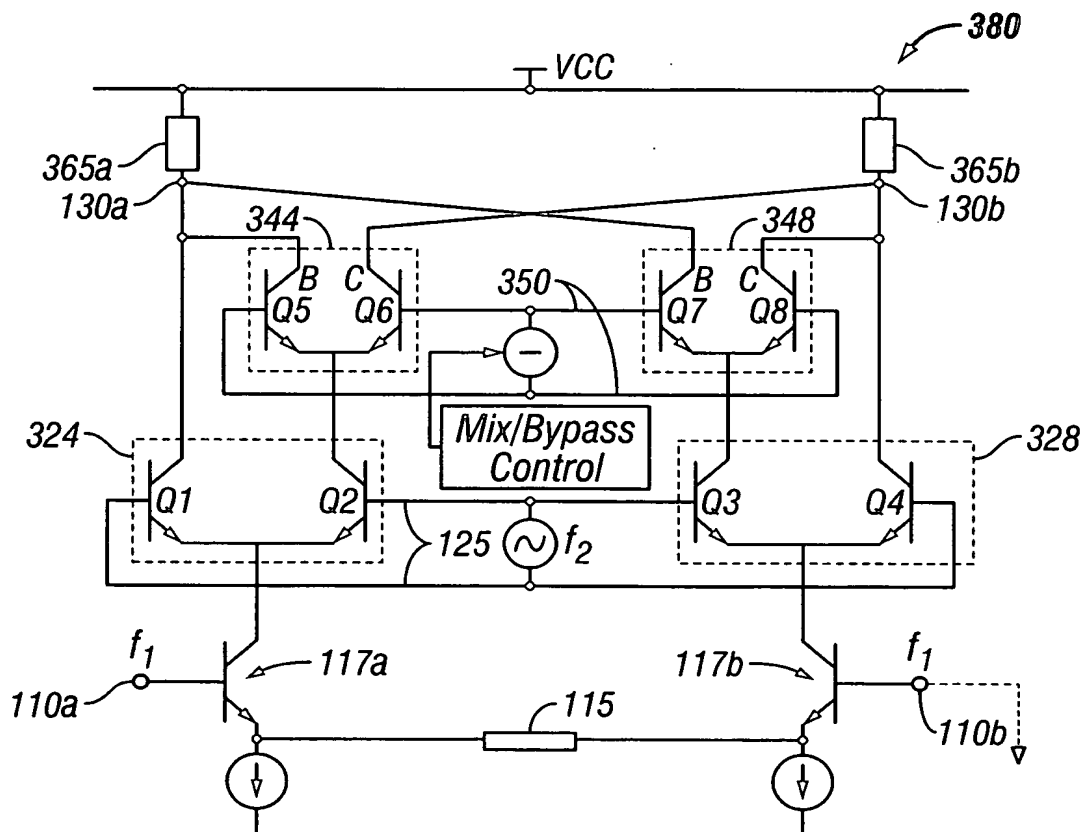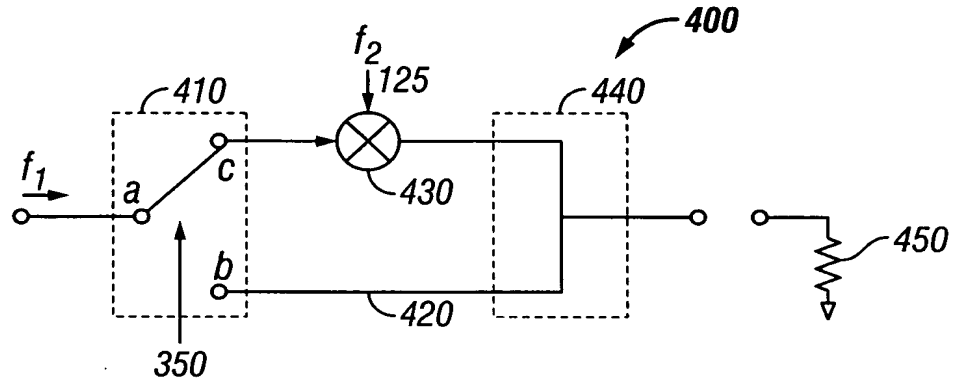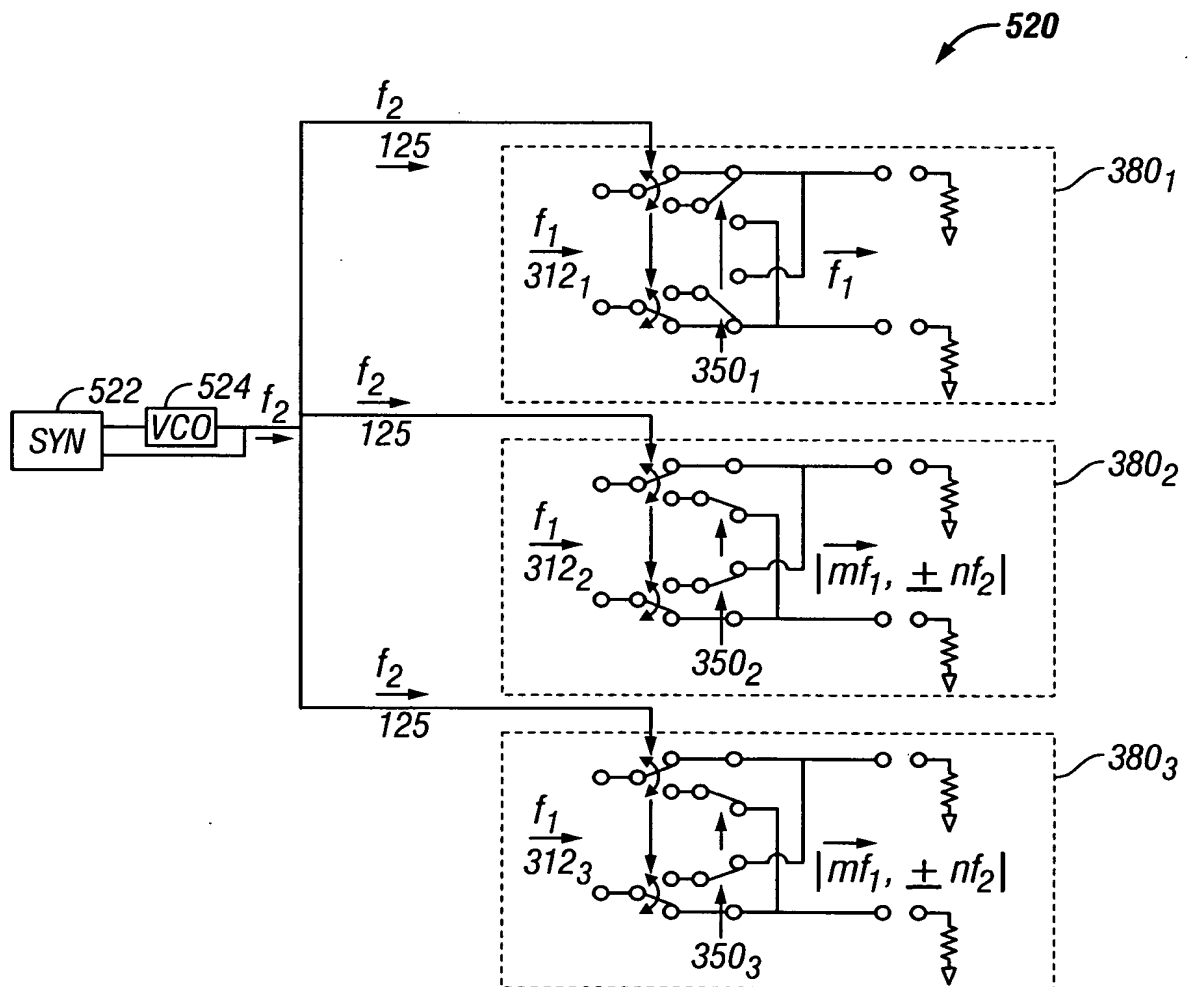Appl. No.: Unknown     Atty Docket: RFMAGIC.004A

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**FIG. 4**



**FIG. 5A**

MIXER CIRCUIT WITH BYPASS AND MIXING MODES HAVING
CONSTANT EVEN ORDER GENERATION AND METHOD OF
OPERATION
Keith P. Bargroff
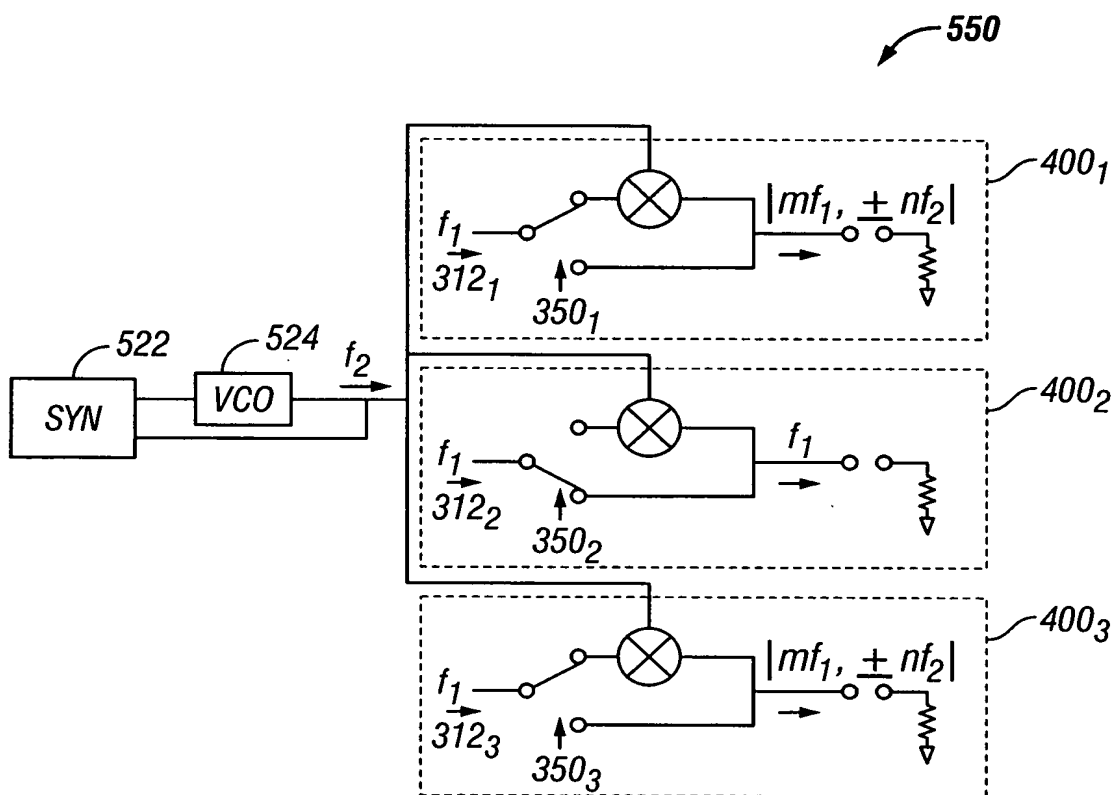Appl. No.: Unknown     Atty Docket: RFMAGIC.004A

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**FIG. 5B**